ALBERT

Name _____ Date _____

Whole Numbers as Fractions Worksheet

Grade 3 · Common Core 3.NF.A.3c

> Express whole numbers as fractions, and recognize fractions that are equivalent to whole numbers.

Practice

Builds the skill step by step.

1. Fill in the box: $3 = \frac{\square}{1}$

2. What whole number equals $\frac{6}{1}$?

3. What whole number equals $\frac{4}{4}$?

4. Which fraction equals 1?

   A. $\frac{3}{1}$

   B. $\frac{1}{3}$

   C. $\frac{3}{3}$

   D. $\frac{0}{3}$

5. The whole bar is shaded. Write the shaded amount as a fraction in thirds.



6. What whole number equals $\frac{8}{8}$?

7. Fill in the box: $5 = \frac{\square}{1}$

8. Where is $\frac{2}{2}$ on a number line?

   A. at 2

   B. at 0

   C. between 0 and 1

   D. at 1

9. What whole number equals $\frac{6}{6}$?

10. What whole number equals $\frac{2}{1}$?

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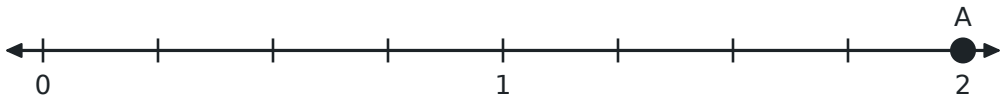
On Level

Grade-level practice.

1. Fill in the box: $2 = \frac{\square}{2}$

2. What fraction in fourths names point A?



3. What whole number equals $\frac{6}{3}$?

4. Which fraction does NOT equal 1?

   A. $\frac{4}{1}$

   B. $\frac{4}{4}$

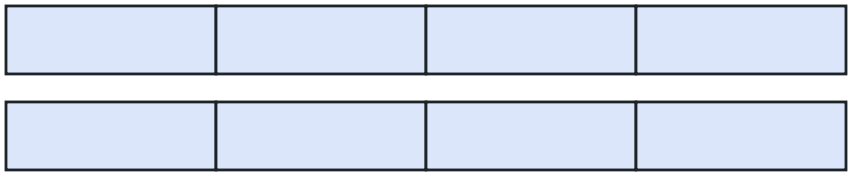
   C. $\frac{6}{6}$

   D. $\frac{8}{8}$

5. Write 3 as a fraction with 2 as the bottom number.

6. What whole number equals $\frac{8}{4}$?

7. Two bars the same size are both completely shaded. Each bar is split into fourths. How many fourths are shaded in all? Write the amount as a fraction.



8. Fill in the box: $\frac{\square}{6} = 1$

9. Lee says $\frac{5}{1} = 1$ because there is a 1 in the fraction. Which is true?

   A. Lee is wrong. $\frac{5}{1}$ equals $\frac{1}{5}$.

   B. Lee is wrong. $\frac{5}{1}$ means 5 wholes, so it equals 5.

   C. Lee is right.

   D. Lee is wrong. $\frac{5}{1}$ equals 6.

10. What whole number equals $\frac{12}{6}$?

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Challenge

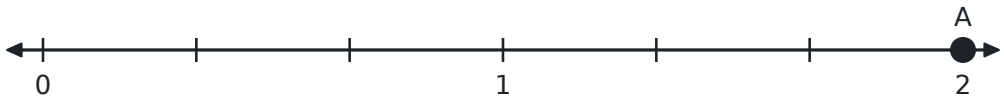
Multi-step and word problems that stretch it.

1. Fill in the box: $\frac{\square}{3} = 4$

2. How many halves are in 3 wholes?

3. What whole number equals $\frac{24}{8}$?

4. Point A is 6 thirds from 0. What whole number is at point A?



5. Which three fractions all equal 2?

   A. $\frac{2}{1}$, $\frac{2}{2}$ and $\frac{2}{4}$

   B. $\frac{4}{2}$, $\frac{4}{4}$ and $\frac{4}{8}$

   C. $\frac{2}{1}$, $\frac{4}{2}$ and $\frac{8}{4}$

   D. $\frac{1}{2}$, $\frac{2}{4}$ and $\frac{4}{8}$

6. A recipe needs 3 cups of flour. Dan only has a $\frac{1}{4}$ cup scoop. How many scoops does he need?

7. Kai has 5 pizzas. Each pizza is cut into 2 equal halves. How many halves are there?

8. What whole number equals $\frac{18}{6}$?

9. Which is greater: $\frac{9}{3}$ or $\frac{8}{4}$?

   A. $\frac{9}{3}$

   B. $\frac{8}{4}$

   C. They are equal.

   D. You can't tell.

10. Fill in the box: $\frac{\square}{8} = 2$